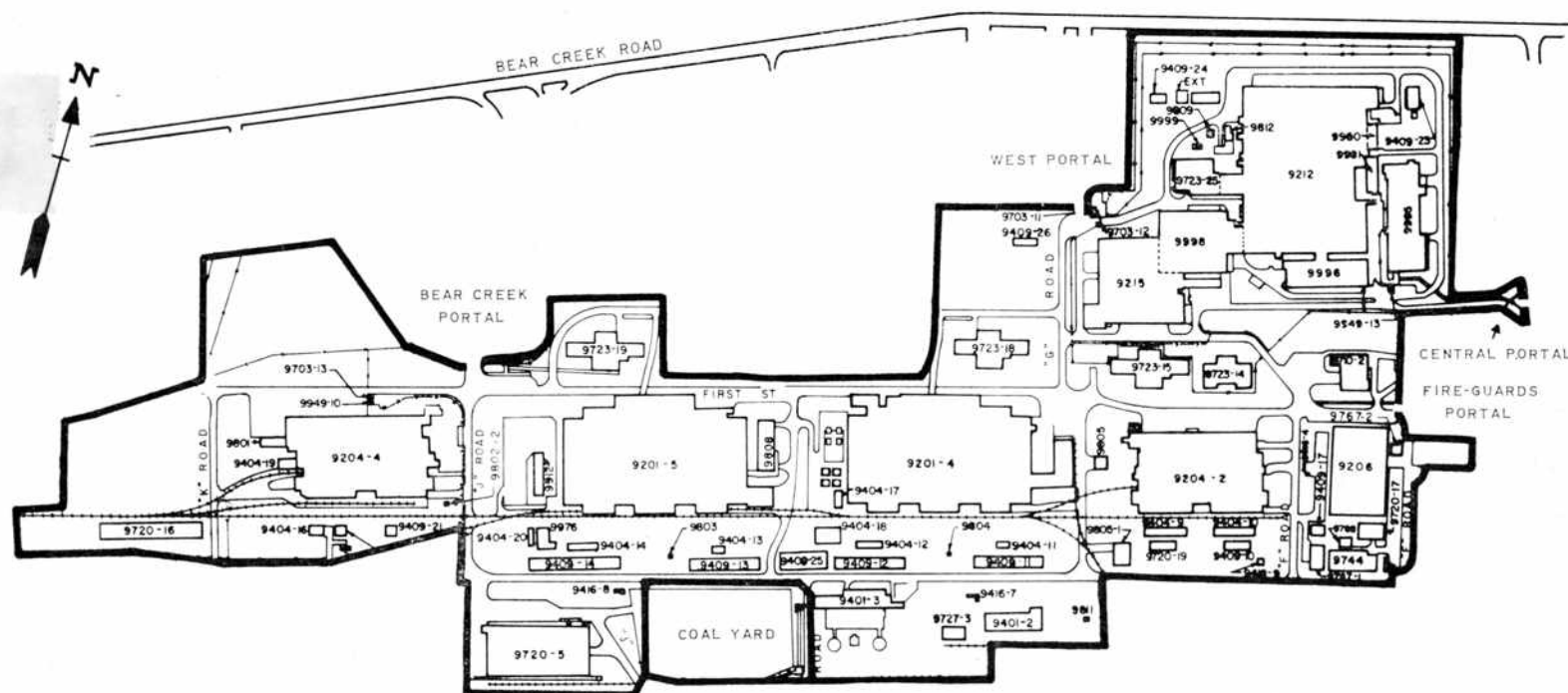


Building 9212 Complex Enlarged—Western Exclusion Area



New Security Area Includes More Buildings

With the completion of necessary fencing, lighting, guard control points, and relocation of some operations, the 9212 complex will be combined into one area with Buildings 9206, 9204-2, 9201-5, 9401-2, 9401-3, 9204-4 and their auxiliary buildings. This consolidation will be known as the Western Exclusion Area. Completion and activities of this area is to be effective on or about April 1, 1964.

It is expected that this realignment will strengthen security protection for classified information and materials in the area and increase the efficiency of operations.

Entrances to the Western Exclusion Area will be located at Bear Creek, West, Central and adjacent to the Firehall, Building 9710-2. The Fire-Guard hall portal is a new one located on First Street near the Fire and Guard Department headquarters, and will accommodate both vehicular and pedestrian traffic, as will the Bear Creek Portal. The West and Central Portals will provide for pedestrian traffic only. Gates at other locations will be used for emergency purposes only.

Employees and visitors will be issued credentials for access to the Western Exclusion Area only if such access is necessary for official purposes. With a few exceptions, all non-employees approved for access will be issued distinctive type identification media which will indicate that such persons are limited to that portion of the area necessary to accomplish the official purpose of their visit. The distinctive badge will also alert employees that access by the wearer is limited.

Each employee has a responsibility for security which can be met only by his full cooperation with the active participation in the security program. The application of the "need-to-know" and Administrative Control principles of security is important and will help greatly to assure that classified information and materials are properly protected. Duties pertaining to Administrative Control will be reiterated in agenda for departmental meetings and in plant bulletins.

The accompanying map shows the new Western Exclusion Area.

WESTERN EXCLUSION AREA

THE NEW EXCLUSION AREA in Y-12 is expected to be effected on or about April 1. The new perimeter security section will include buildings 9206, 9201-4, 9201-5, 9401-2, 9204-4 and their

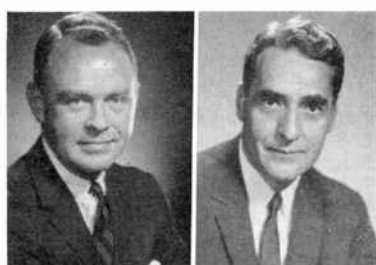
auxiliary buildings, as well as the 9212 complex. The view above is from Polecat Ridge. There will be four entrances into the new area.

Alfred L. Bayes And Glenn A. Murray Named Vice Presidents Of UCC's Linde Division

Alfred L. Bayes and Glenn A. Murray have been appointed vice presidents of the Linde Division of Union Carbide Corporation, according to an announcement by Robert F. Flood, president of Linde.

Dr. Bayes, who has been administrative assistant to the president of Linde since 1960, will be concerned primarily with the division's research and development activities. He joined Union Carbide in 1941, and is a graduate of the University of Chicago, where he received his BS in 1934 and PhD in 1941.

Vice President Murray will be concerned primarily with the division's marketing activities. He has been general manager — cryogenic products for Linde since 1960. He joined Union Carbide in 1946, and is an alumnus of Lehigh University with the degree of BS in mechanical engineering, received in 1944.



G. A. Murray A. L. Bayes
Linde Vice Presidents

Laitinen Lectures On Lind Series

Dr. Herbert A. Laitinen, professor of analytical chemistry at the University of Illinois, will present the 16th Annual Samuel C. Lind Lectures Tuesday and Wednesday, February 25, 26.

Dr. Laitinen's principal research interests have been primarily in electro-analytical chemistry, with emphasis on polarography, amperometric titrations, nonaqueous and molten salt solvents, and surface effects.

The lectures, "Some Views on Electroanalytical Chemistry," will consist of two parts: "Perspectives," to be held Tuesday, February 25, at 8 p.m., Dabney Hall, University of Tennessee, Knoxville, preceded by dinner at the Faculty Club, Melrose Avenue at 6:30 p.m. . . . and "Horizons," Wednesday, February 26, at 8 p.m., Robertsville Junior High School, Oak Ridge, preceded by dinner at the Holiday Inn at 6:30 p.m.

Interested members of ACS and guests are invited to attend. Joel Carter can furnish more particulars at extension 7168.

Mechanical Design Courses Started

The second quarter of the Mechanical Design course began last week, but there is still time for late registration. This is a course being offered under the Trade and Industrial Evening Program of the Adult Educational Program at the Oak Ridge High School.

The course consists of a continuing series of classes in mathematics, mechanical drawing, and machine shop subjects. In the quarter just past the math class offered a review of arithmetic; the drawing class covered basic elements of mechanical drawing, and the machine shop class covered measuring tools, drill presses, and lathe construction and operation.

The second quarter math class will go into high school level algebra; the mechanical drawing class will continue progressively with elements in mechanical drawing; and the machine shop class will study construction capacity and adaptation of shapers, planers, boring and milling machines, grinders, etc., including field inspection trips. This course is open to all students in this area who wish to advance their technical know-how in the mechanical fields in which they are employed, or have had experience. They may take one or more subjects in this series, depending on their requirements and may enter the class at any semester which offers the subject material they want.

For additional information, contact Frank Fuis Jr., phone 7-8831, or E. C. Armstrong, Oak Ridge telephone 483-7625.

WATER LOADED WITH ATOMS

There are approximately six sextillion atoms in an ordinary drop of water.

Washington's Birthday Friday Is Holiday

Daniel Webster said of George Washington, "American has furnished to the world the character of Washington. And if our American institutions had done nothing else, that alone would have entitled them to the respect of mankind."

As the grateful nation pays tribute to its first president, Saturday . . . Friday, February 21, will be observed as a holiday in Y-12. No employees will be required to be at work except those vital to the security and continuous operation of the plant.

AMHS Sets Meet Tomorrow In Knox

The East Tennessee Chapter of the American Material Handling Society has set their February meeting for tomorrow, Thursday, February 20. The dinner meeting will be held in the Magnolia Avenue Weaver's Cafeteria, Knoxville. Come either for supper at 6:30 or the technical session at 7:30 p.m. Reservations are not necessary.

Featured speaker will be Joseph L. Brady, Cascade Manufacturing Company, Portland, Oregon. He will speak on "Attachments For Fork Lift Trucks and What They Can Do For You."

Members and guests are invited to attend this informative meeting. More information may be obtained from Dave DeWalt, extension 7705, or Tommy Swindell, extension 7394.

ASM Meeting Is Tonight In Ridge

The Oak Ridge Chapter of the American Society for Metals will meet today, Wednesday, February 19, at the Oak Ridge Country Club. The social hour begins at 6:15 p.m., with dinner at 6:45 and the technical session at 8.

Robert Bakish, executive vice president and director of research and development for Electronics and Alloys, Inc., Ridgefield, New Jersey, will speak on "Vapor phase metallurgy, progress, and achievements to date in the field, and future possibilities."

ASM will also view a film tonight, entitled "March of Materials Technologies, Vol. 1."

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
14 Days Or
452,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through February 16
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



OFFICE

Post Office Box Y
Oak Ridge, Tenn. 37831
Bldg. 9704-2 Room 137
Telephone 7100

O. H. Cunningham Rites February 9

The sad news of the death of Olen H. Cunningham came to the Alloy Shop last week. He died Sunday, February 9, in Oak Ridge. The machining foreman made his home at 114 Dayton Road.



Mr. Cunningham, born in Grandfield, Oklahoma, came to Y-12 March 8, 1944, and would have celebrated his 20th anniversary with Union Carbide in the next few days.

He is survived by his wife, Mrs. Virginia Redding Cunningham; mother, Mrs. Minnie Marler, Cotter, Arkansas; sisters, Mrs. F. H. Cloven, Cotter, Arkansas; and Mrs. Ruth Holbrook, Royston, Georgia.

Final rites were held Tuesday, February 11, at Martin's Funeral Home, Oak Ridge. Officiating minister was the Reverend Amos Rogers, Kern Memorial Methodist Church. Burial followed in the Oak Ridge Memorial Park.

Sincere sympathy is extended to the Cunningham family.

World's Fair Tour Set For June 26

Attention World's Fair vacationers. Y-12ers wishing to travel in the special package-rate deal will be interested in the following. The plane (day-time flight) will leave Knoxville Saturday, June 20 . . . sometime in the morning. It will return on Friday, June 26, giving the traveler six nights in the big city. This choice tour costs \$135 . . . or \$155 according to the tickets purchased by the vacationer. Accommodations will be at the Commodore Hotel. (All tips, to and from the airport, baggage checks, etc., are included.) Only food is exempt from the above deal.

Carbiders will be given first choice on the touring plane. Just call the Ridge Travel Bureau, telephone Oak Ridge 483-3587. They require a \$25 deposit by March 31, and the balance by April 30.

Meet 'you' at the Fair!

Bulletin Office Now Located In Employment

The Y-12 Bulletin Office has moved . . . this time back to the lobby of Building 9704-2 . . . in Room 137. The telephone number (7100) has remained the same, as most of the other fixtures have. Come visit us in our new home!



We have a pet theory about churches who lock their doors . . . just exactly what are they trying to keep in . . . or whom are they trying to keep out. 'Tis something to mull over.

Mulling over things in Y-12, it's told in

FABRICATION



Kendall B. Cook
'Whose Afraid Of Leap Year?'

Production Machining produces this cute youngster as the son of Wendall and Gale Cook, 403 Pennsylvania Avenue, Oak Ridge. Wendall is in E Wing, 9212, and is mighty proud of Kendall.

Beta Four Heavy Machine Shop, absent these many weeks, returns to the fold with folds of news. Joe Hall likes to be different, so he got his military duty over early this year . . . two weeks in Alabama (sounds like a vacation, eh?) . . . E. J. Holt has been dispensing justice over in Knoxville on jury duty . . . Richard Dew took his family over the mountains for a visit with relatives in North Carolina recently . . . and nearly got snow-bound in Cherokee.

The 'hunters' of Beta Four went on their weekly safari about two weeks ago and one of the Nimrods lost his gun. Claims one of the other boys fed it to his goat because he sold him goat milk once.



Gary and Gregory Waldrop

These fine youngsters are Gary Lynn and Gregory Scott Waldrop, sons of Melvin Waldrop, who is stationed with the Air Force at Albany, Georgia. Gary and Greg live in Oak Ridge, near their grand-pop Craigh Waldrop . . . who spoils them a little, naturally.

E. L. Douglas is on vacation but left no forwarding address . . . New, or better still different, faces came to stay recently in Four . . . J. L. Henry, S. E. Fritts, F. D. Lively, R. E. McJunkins, T. C. Tindell, W. D. Davis, and E. C. Meyers, all being moved in from Beta Two. Folks also hated to see R. L. Smith, K. O. Goodykoontz, R. C. Johnston, and J. W. VanBever leave . . . they went to Beta Two to replace the others.

J. L. Gilliam has grown up a little since he's been in the Shop. Continued on Page 4

FINANCE AND MATERIALS
Plant Records say Helen Cunningham is taking an air trip to Orlando, Florida to visit her cousin and her aunt, (The Varnes and Carlsons.)

Get well wishes to M. F. Moore, ill in Ft. Sanders Hospital, also to L. D. Nicely, Timekeeping.

Stores reports J. H. Talley recuperating nicely from a broken leg picked up in an auto accident. He is in Presbyterian Hospital.



Terri Lynn Owens

This little doll is the pride and joy of the C. W. Kidd, Stores, family. Terri is two months old and the daughter of Robert and Kathleen Owens. Grand-daddy thinks there isn't anything like her, which is only natural. The Kidds live at 210 Waltham Place, Oak Ridge.

ACCOUNTING AND BUDGET

The Property Department extends deepest sympathy to Roscoe (Judge) Angel, in the death of his mother, Mrs. Emma Angel, of Oakdale, who passed away at 95, still young in heart.

SHIFT SUPERINTENDENTS AND UTILITIES

Condolences to the J. J. Miller family in the recent death of his father. E. A. Wells is vacationing this week, but didn't reveal plans . . . Get well wishes to the daughter of D. Stevens who was injured in an auto mishap recently. She had surgery last week at St. Mary's Hospital.

The space race doesn't bother us too much. We are still too involved in the rat race!

INDUSTRIAL RELATIONS

Fire and Guardsmen vacationing include J. T. Riddle and J. T. Byrum, off in parts unknown.

Security's W. E. 'Bill' Davis is recuperating nicely at home after surgery (at the hospital, of course) and still is the recipient of 'get better' wishes.

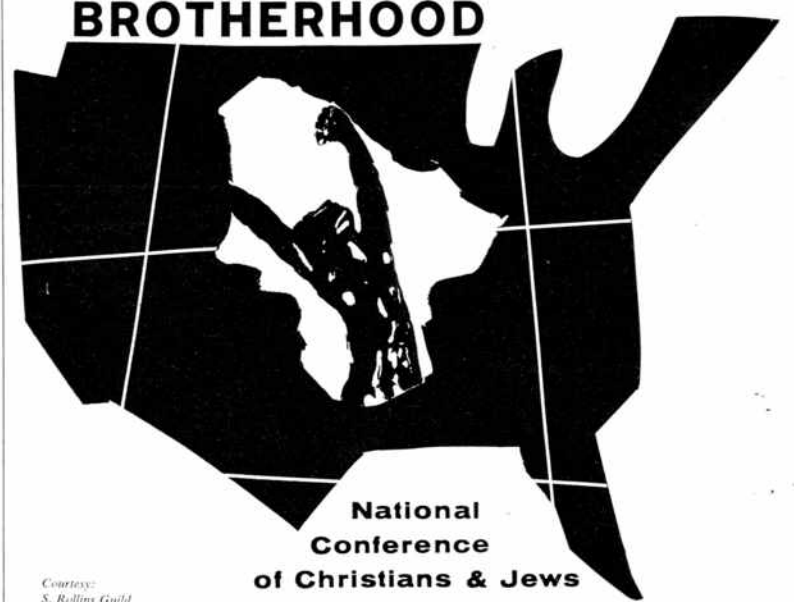
Safety's Ernie Bentley is welcomed back after a recent illness.

A stereo-politician could be one that talks out of both ends of his mouth.

ENGINEERING

Tool Engineering extends sympathy to J. E. Insell, in the death of his sister and her daughter.

BROTHERHOOD



National
Conference
of Christians & Jews

Courtesy:
S. Rollins Guild

'Do Unto Others . . .'

Thoughts On Brotherhood

There is an old expression: "Give an editor a blue pencil, and he'll rewrite the United States Constitution."

This week, February 16-23 is Brotherhood Week, established by the National Conference of Christians and Jews.

Rather than use good quotes from Jefferson, Lincoln, Kennedy, et al, the thought has occurred why not put down some practical examples of how we as individuals can practice brotherhood in our everyday lives. Brotherhood is the mere extension of practices to the larger planes of human relations which can make "the brotherhood of men under the fatherhood of God" a living reality.

UCC Participates

In 'Plans For Progress'

Representatives of Union Carbide Corporation participated in the recent seminar "Plans for Progress" sponsored by the President's Committee on Equal Employment Opportunity and the Advisory Council on Plans for Progress. The seminar was held in Washington during January, and was attended by representatives from over 140 companies. This is the second such seminar held, and was designed to bring member companies together to share ways and means of increasing the utilization of qualified members of minority groups. The program included a series of workshop sessions. Vice President of Union Carbide Carl H. Hageman was chairman of one of the sessions.

Idealism, hollow slogans and wordy goals will no longer suffice in this world. We must practice what we preach. The outward and physical struggle for freedom and equality which dominated democratic action up through and including World War II must now be turned toward the far more subtle and truly significant struggle of self-appraisal and self-justification.

At the mention of "atomic energy" the world reacts with fear. The world thinks of bombs and the forces of destruction, and fails to realize the tremendous forces for good that atomic power represents. Think for a moment about a knife. In the hands of a capable surgeon a knife can save life. That same knife, in the hands of a killer, can destroy. Thus the new challenge . . . not new, really, but as old as mankind, is are we killers or are we surgeons.

The old maxim "Do Unto Others As You Would Have Them Do Unto You," would also

encompass some of the following:

SAFE DRIVING: Thousands of our fellow citizens are killed or maimed each year through carelessness, negligence or selfishness. Safe driving is brotherhood in action for the simple reason that in so doing we recognize the other person's right to the road.

THOUGHTFULNESS: The man who pockets his empty cigarette pack or throws it in the container for trash is practicing brotherhood. He is not a litterbug. He makes his world a better place for everyone in which to live.

HELPLESSNESS: The man who stops to help a fellow man in distress is practicing brotherhood just as much as the good Samaritan. He does so at personal sacrifice in time and energy, but he gains the reward of giving to others.

PARENTHOOD: The foundation of brotherhood is rearing children of good will. It is the respect and practice in our daily lives of the ideals of democracy and religion that will teach children by example the meaning of freedom and equality. Actions speak louder than words.

THE LAW: The man who respects the law cannot fear it. He knows it exists to protect his rights as well as the rights of others. It guarantees his own freedom.

VOTING: The man who votes cares about democracy and brotherhood. He cares enough to be informed on issues and candidates. He is exercising a 'giant step' of freedom.

MILITARY SERVICE: A lonely G.I. is practicing brotherhood at some faraway outpost. He is fulfilling his responsibilities to liberty and freedom for all of us.

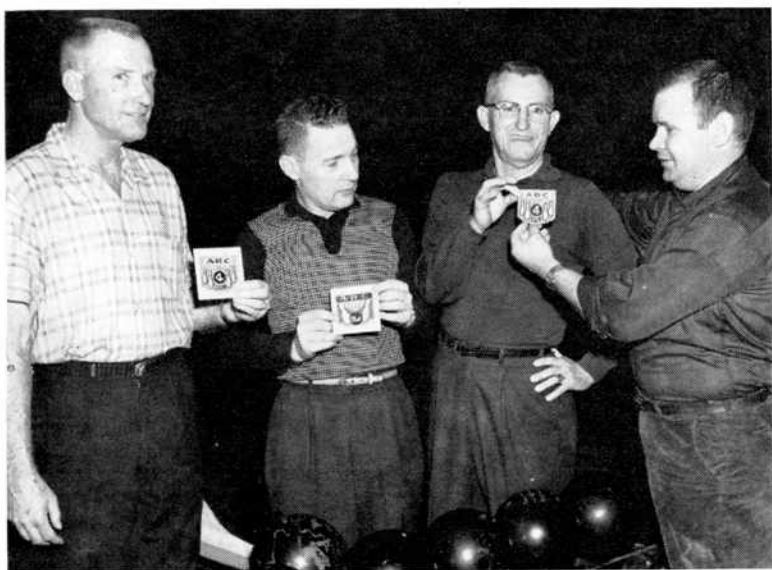
WORK: All of us as workers are practicing brotherhood in that our work serves others just as their work serves without regard to race, creed or station. We are all interdependent on one another.

Then who is the loser in prejudice? YOU . . . mainly. Hate, ignorance and bigotry sap the strength of our country and stunt the growth of America. Give our country a chance to fulfill its democratic heritage . . . "One nation, under God, indivisible, with liberty and justice for all."

It all boils down to the fact that these 'self-evident truths' indeed need no blue pencilling!

THEY USE THEM MORE

The visual system of girls matures at an earlier age than that of boys.



NEW SHOULDER-PATCH WEARERS in the C League proudly accept their American Bowling Congress honors. From left are Fred Guttery, C. "Shortie" Bryant, W. R. McGill, and League Secretary Bobby Hopkins. Guttery and McGill picked up the difficult "big four" split and Shortie got the famous seven-ten split. Both pick-ups are high impossibilities, as most bowlers will verify.

C Bowling League's Leaders Slip In Latest Competition

Top teams in the C League for Y-12 bowlers fared ill last week. The only four-point wins went to the low-seated Hookers over the Parbusters, and the Big Five over the Rounders. Three points went to the Sunflowers over the Hi Lifers, the Five Roses over the Strikers, and the Screwballs over the Shud-A-Beens. Two points were split between the Rodders and the Lucky Strikes.

Bill Sise, Big Five, took scratch tops, rolling a 213 single, 588 series score. E. G. Crigger, also of the Big Five, took handicap

highs, with a 252 single, 668 series total. The Big Five swept team honors all the way, posting singles of 912 scratch and 1054 handicap . . . series of 2712 scratch and 3138 handicap.

League standings follow:

Team	W	L
Rodders	18	10
Shud-A-Beens	16	12
Sunflowers	16	12
Five Roses	16	12
Rounders	15	13
Hi Lifers	15	13
Strikers	15	13
Lucky Strikes	14	14
Hookers	14	14
Big Five	14	14
Screwballs	9	19
Parbusters	6	22

Cannonballs Take E League Top Berth

The Alley Bees nudged their way toward the top of the E Bowling League last week by downing the league-leading Cannonballs by three points. The Ten Pins also took a three-pointer from the Foursquares. The Pinquins-Pintwisters fracas ended in a two-point share.

J. Plaza, Foursquares, took high scratch scoring with a single of 203 and series of 509. J. Johnson, Pinquins, had high handicap tallies with a single of 242 and series of 634.

The Four Squares racked high scratch scores of 783 in singles, and 1930 in series count. The Pinquins took high handicap singles with 838, while the Ten Pins did the honors in handicap series, rolling total pins of 2314.

League standings follow:

Team	W	L
Cannonballs	14	6
Alley Bees	13	7
Ten Pins	11	9
Four Squares	10	10
Pinquins	8	12
Pintwisters	4	16

Spring Skeet League Plans Being Formulated

A new Skeet League for all Carbiders will begin the Spring Season early, on March 1. Competition will be in classes based on ability to fire, so everyone can participate, regardless of experience.

Additional information will appear in forthcoming Bulletins. Anyone desiring to participate in the Skeet League should call Fred Welfare, extension 7-8315.

Cool Cats Keep Lead In Mixed Bowling Group

The league-leading Cool Cats edged further along in the Mixed Bowling League last week by taking four easy points, rolling blind. Three point wins went to the Ghosts over the Phantoms and the Pin Plasters over the Scrapers. The Goofers and Alley Cats split two.

Irene Carmack, Cool Cats, swept the boards for females, taking singles of 186 scratch and 223 handicap. Charlie Gillihan, Ghosts, took singles for the males, rolling 226 scratch, 254 handicap! Carmack's series were high as she posted 500 scratch and 611 handicap. W. B. Stephens, Goofers, won honors in series for men with 559 scratch, 625 handicap totals.

The Cool Cats took singles, posting 667 scratch, 837 handicap. The Goofers cleared the boards with 1791 series scratch, and the Cats returned to the boards with a 2280 handicap series.

League standings follow:

Team	W	L
Cool Cats	18	6
Goofers	15	9
Alley Cats	14½	9½
Ghosts	14½	9½
Pin Plasters	12	12
Scrapers	11	13
Phantoms	11	13



Y-12 Teams Lose In Basketball Set

Second Half Gets Off With Ill Winds

The Basketball League began with a fury last week as the ORGDP All Stars downed the ORNL Analytical Chemistry team to the tune of 53 to 30. Beginning slowly, the All Stars gradually picked up steam to take it easily. Henderson led scoring with 13 for the winners. J. Jones took 14 through the hoop for the losers.

Y-12's Atoms fell victims to ORNL's Cell Four 38 to 40 in a tight one. The Atoms tried desperately to pull it out of the fire, but fell short in the closing seconds. Jim George led the losers with 12.

Rebels Fall Hard

Y-12's Rebels fell victims also Monday night to the ORNL Independents, 32 to 47. Height advantage made the difference. The Rebels' Williams scored 16 . . . while Goolsby took 17 for the winning squad.

Monday's final action pitted two ORNL teams . . . as the Fearless Five felled the Hot Shots 46 to 27.

Another two teams from ORNL collided in Wednesday action . . . the Metals and Ceramics basketballers defeating the Independents in a squeaker, 57 to 55. Jim Carter, as usual, led M&C with 34 big points. Goolsby hit 20 for the losers.

All Stars Flat

ORGDP's All Stars fell flat Wednesday to ORNL's Fearless Five 28 to 50. Ray Cooper shot 16 points for the winners . . . Cates and Roach took eight each for the losers.

Y-12's Peons made the week complete for their home plant by losing also . . . 25 to 56 to the Analytical Chemistry team, ORNL. Don Forrester picked up 14 points for the hapless Y-12 team. Tom Kress and Bill Morgan tallied 13 each for the winning A & C team.

League standings follow:

Team	W	L
Fearless Five, ORNL	2	0
Cell Four, ORNL	1	0
Metals & Ceramics, ORNL	1	0
Independents, ORNL	1	1
All Stars, ORGDP	1	1
Hot Shots, ORGDP	0	1
Analytical Chemistry, ORNL	0	1
Rebs, Y-12	0	1
Atoms, Y-12	0	1
Peons, Y-12	0	1

Beavers Are Moving Up In Volleyball

Y-12's Beavers defeated the ORNL Champs in Volleyball last week in a make-up game in the first half. They took three 15-3, 15-6, and 15-2.

The Beavers came back for second half play to defeat the ORNL Scrubs for another three 15-4, 15-1, and 15-6. Y-12's Eagles defeated the ORNL Old Men one game 15-9, then lost two 15-6, 15-10. The Set-Ups downed the Champs for three 15-4, 15-3, and 15-2. The Six Pots, from ORNL, defeated the Bums, also from ORNL, for two 15-13, 15-11 and lost one 15-9.

Second half standings:

Team	W	L
Set-Ups, ORNL	8	1
Beavers, Y-12	7	2
Champs, ORNL	6	3
Old Men, ORNL	5	4
Eagles, Y-12	5	4
Six Pots, ORNL	3	6
Scrubs, ORNL	2	7
Bums, ORNL	1	8



PRESENTING THE BIG SPLINTERS, another Classic League old-time team. From left are Elmer Johnson, Frank Thurman, R. G. Marljar, Captain Harry Keen, and Bill Wright. B. I. V. Bailey wasn't there the night the photo was made.

Bumpers Take Over Reins In Classic Bowling Circle

The Bumpers bumped their way into the lead in the Y-12 Classic League of bowlers last week by a four point win over the Markers. The only other sweep saw the Screwballs overcome the All Stars.

Three point wins all over the place saw the Swingsters over the

Seven Sixties Nudge To Top On Bush Alleys

Bush bowlers got another new leader last week as the Seven Sixties nudged their way into top slot with a four point win over the Outcasts. The only other sweep featured the Rusty Five over the Beavers.

Three point wins went to the Rollniks over the '66' Raiders, and the Turtles over the Dry Hides. The Rollmasters and Hi Balls tied, two each.

C. L. Myers, Rollmasters, took high singles honors, rolling a 231 scratch, 263 handicap game. Series highs went to Mike Mount, Turtles, who posted a 560 scratch, 680 handicap total. The Rollmasters took singles with 890 scratch, 1033 handicap. The Rusty Five bowled their way into series highs, taking 2480 scratch, 2867 handicap totals.

League standings follow:

Team	W	L
Seven Sixties	9	3
Rollniks	8	4
Rusty Five	8	4
'66' Raiders	8	4
Dry Hides	5	7
Hi Balls	5	7
Outcasts	5	7
Rollmasters	5	7
Turtles	5	7
Beavers	2	10

Lou Anfinson Burns Knox Alleys Alive

A lot of excitement was generated recently up in the Technical Reports department. Lou Anfinson set a terrific pace recently on the Starlite Lanes, Knoxville, bowling a series of 623 scratch!

Lou's games went 208,193 and 222 . . . and those are scratch scores, too! Pretty good for a woman, eh? (Not many men can do that either.)

Although Lou doesn't participate in league bowling in Y-12's Mixed League, she was expected to sparkle in last week's tournament, held among all Y-12 bowlers.



S. Brown

The Wolves-Rebels tilt ended in a draw. Sewell Brown, Swingsters, displayed some fancy footwork on the alleys, taking singles of 267 scratch and 283 handicap. His scratch series were high also as he blasted through a 589. Nelson Tibbatts, Rippers, stole the sweep away from Brown, as he rolled a 665 handicap series.

The Swingsters took honors in singles, with a 1002 scratch, 1106 handicap. The Rippers took series in scratch count with 2567 while the Splinters had high series handicap scores of 2969.

League standings follow:

Team	W	L
Bumpers	25	7
Markers	22	10
Has Beens	21	11
Swingsters	19	13
Tigers	18½	13½
Rippers	18	14
Playboys	17	15
Wolves	17	15
All Stars	14½	17½
Smelters	14	18
Wasps	13	19
Rebels	13	19
Splinters	13	19
Screwballs	13	19
Eightballs	10	22
Cubs	8	24

Matheney, Davis Score With Pistols

Firings in the fifth week of the Y-12 Pistol League had R. Matheney with the high scratch score of 260 and G. W. Martin close behind with 256. G. L. Davis had 252. The high handicap score also went to Davis, who fired a 289-328.

	Scratch Average	H'cap Score
C. V. Terry	220	280.075
W. A. Less	239	285.152
G. L. Davis	239	289.328
W. A. Gregor	215	284.897
G. W. Martin	249	288.010
T. C. Swindell	211	280.042
R. Matheney	254	288.020
T. E. Hudson	171	283.971
E. Bailey	235	—
E. C. Williams	244	281.625



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Congratulations to another host of Y-12ers, celebrating important anniversaries with Union Carbide Corporation.

20 YEARS

Frankie H. Goss, Cafeteria, February 19.

Mary W. Cooper, Uranium Chemistry, February 19.

Herschel K. Bailey Jr., Research Services, February 22.

Alvie H. Gough, Utilities, February 24.

10 YEARS

William F. Griffith, Buildings, Grounds and Maintenance Shops, February 19.

William O. Peterson, Assembly Operations, February 21.

Aubrey L. Donald, General Weld Shop, February 22.

Charles K. Sanders, General Mechanical Engineering, February 22.

Charles E. McMahan, Dimensional Inspection, February 22.

Carol B. Smith, General Machine Shop, February 22.

David C. Martin Jr., Electrical Department, February 22.

Alvin E. Parson, Tool Grinding, February 22.

Lucian P. Wynns Jr., Electrical Engineering, February 22.

John W. Webb, Buildings, Grounds and Maintenance Shops, February 24.

Boyd M. Adkins, Buildings, Grounds and Maintenance Shops, February 24.

Luther L. Perkins, Area Five Maintenance, February 24.

Virgil H. Smullen, Assembly Operations, February 24.

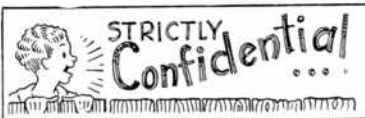
Wade M. Roberts, Radiation Safety, February 25.

Glen N. Dahl, Area Five Maintenance, February 25.

Students Observe Edison Birthday With Visits

Glenn T. Seaborg, chairman of the Atomic Energy Commission, recently indicated that more than 4,500 junior high and high school science students and their teachers visited 12 AEC laboratories and installations. The special invitation was in celebration of the 117th anniversary of Thomas Alva Edison, February 11.

Local students, numbering around 200, including their teachers, visited Oak Ridge National Laboratory and the American Museum of Atomic Energy.



Continued from Page 2

He doesn't carry the same lunch now that he did when he first came to work . . . or don't you like formula anymore, Jim?

Practicing up recently for the big Y-12 bowling tournament has been **A. E. Burger** and **R. P. Wallace** . . . **Bill Sahr** is looking a little forwarder to the Women's State Tournament in Bristol, in March. He won't be bowling but his wife will, so Bill gets to go.

Linda Johnson, daughter of **Lloyd Johnson**, is in Rockwood Hospital. A speedy recovery, Linda, so you can get back to your six-weeks' exams.

W. L. Coggins is the proud owner of a new buggy . . . and it even has a stick in the floor . . . **T. H. Coleman** is driving a new handsome limousine too . . .

T. J. Sullivan got his Christmas . . . **J. R. Johns** is sporting a new one, too. Drag racing down the Turnpike, anyone?

L. R. Benker was wondering what happened to **Bobo Gilliam** on the morning of the big snow. Benker did finally get to work in time to go to lunch at 11 a.m.

Glenn Adkins has transferred to Accounting and Budget . . . **A. M. Baker Jr.** comes in replacing Glenn.

Announcing a new girl for the **C. E. Browns** (wife's name is Carolyn). Born February 5, at Oak Ridge Hospital, Daphne Sheree weighed in at seven pounds, five ounces.

Alpha Five welcomes in **R. E. Reed**, **L. A. Underdown**, **C. E. Lowe**, **W. P. Campbell**, and **B. W. McNutt** from Beta Two and says goodbye to **A. E. Faulkner** and **C. W. Huffaker** . . .

Vacationing is **K. E. Love**. Get well to **A. H. Coling**, out with miseries.

That's about it.

'King Of Hearts' Has Try-Outs This Sunday

Y-12 thespians are alerted for try-outs this Sunday, February 23, for the Oak Ridge Playhouse's new spring comedy "King of Hearts." Readings will be held at 2 p.m. and again at 8. Seven men and two women, and one 10-year old boy are called for in the cast, as well as a large, shaggy, friendly dog. But, don't bring the dog, asks Director Ebert. Anyone owning such an animal should just call the Playhouse. (Fido doesn't have any lines to read, anyway!)

"King of Hearts" is a witty comedy by Jean Kerr, who penned "Mary, Mary." It deals with the romantic misadventures of a pretty girl, a likable fellow, and an egotistical stuffed shirt. The play will go into rehearsals in mid-March and will open the final week in April.

Few Born Leaders

"There may be a fortunate few who are born leaders (like being rich)," Strasser continued, "but most of us are not in this category. Are we convinced that leadership is important enough to work at? The answer to that question must be yes, if any progress is to be made. We cannot improve any more than we wish

to improve. Suppose we decide we wish to improve . . . what then? I've already indicated to you that I don't think that there is a cookbook recipe to fall back on.

"Ask yourself some questions: Do I and my people understand what our total job responsibilities are? What is the character of my relationships with my subordinates? Do I lead them, push them, or leave them to flounder around by themselves? Am I willing to work hard at improving my leadership?"

Leadership In Y-12

"Think for a moment of what leadership has meant to Y-12. When Carbide took over Y-12 in 1947, employment was about 2,300 and to all intents and purposes the plant appeared to be about ready to shut down.

"Our plant was a hungry plant, eager to continue our existence. Many major programs have developed since 1947. As requirements changed, we have seen the plant change from a chemical processing operation to one much more heavily involved in fabrication of all kinds.

Y-12 Philosophy

"Our present employment level is about 5,500. This growth has been influenced greatly by the leadership exhibited by the supervisors in the plant and has been continually pushed by the management philosophy familiar to all of you . . . WE CAN AND WILL ACCEPT AND ACCOMPLISH ANY JOB IN OUR GENERAL FIELD REGARDLESS OF THE DIFFICULTIES INVOLVED. Concretely, the aspect of leadership has provided many

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RECENT ATTENDEES AT SUPERVISORY conferences hear George Strasser's presentation on leadership. Day conferences are held in the Conference Room in Y-12's Cafeteria, and will continue, through February 28.

George Strasser, Technical Services, Leads Conferences On 'Leadership'

Current supervisory conferences on Leadership are being conducted by George A. Strasser, superintendent of the Technical Services Division.

Leadership, a very essential element in supervision, is not an easy thing to define. No two persons utilize the same techniques in discharging it.

"An effective leader," Strasser pointed out, "has the ability to motivate people toward some desired objective. Although the purpose of leadership on whether the objective is to rule the world or sell more washing machines, it is generally agreed that in an organization such as ours, the purpose of Leadership is to get people to do willingly and effectively what is expected of them . . . or a little more, if possible!"

"There are many examples of bad leadership, including the bull-of-the-woods type leader. Take the following questions, for instance:

Can a person reasonably expect his people to put more effort into their job than he puts into it? Are we surprised when people fail to observe safe practices (such as wearing safety glasses) if their supervision does not? Can a production or maintenance supervisor expect his men to stay on the job if he spends all of his time in the office? Can we expect a supervisor to keep his people informed if he is not informed himself?

Teamwork Involved

"Leadership involves teamwork. This need for working together has been recognized as far back as the time when two cave men joined efforts to move a stone that was too heavy for one of them to lift. Since then the principle that, "The work of the world goes forward most easily when all hands cooperate" has continued to be a valid one. It holds particularly true today in as complex a place as Y-12 where design, development, maintenance, utilities, other staff groups, and production combine their efforts to turn out our extremely important product.

"Supervisors who won't share the burden must bear the burden," Strasser stated as he told the story of "The Indispensable Tiger," the old animal leader who refused to train the young ones in the art of taking food.

Few Born Leaders

"There may be a fortunate few who are born leaders (like being rich)," Strasser continued, "but most of us are not in this category. Are we convinced that leadership is important enough to work at? The answer to that question must be yes, if any progress is to be made. We cannot improve any more than we wish

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SUPERINTENDENT of Technical Services George Strasser is holding the current supervisory conferences in Y-12 concerning leadership.

Jobs over the years that would otherwise not exist.

In introducing a film on Leadership, Strasser pointed out, "This is a demonstration of leadership in time of crises . . . Let me emphasize that leadership is also required in our day to day routine.

The current supervisory conferences are held in the Conference Room in the Cafeteria, on Tuesdays and Thursdays at 10 a.m. Those held in the Conference Room of the Plant Shift Superintendents Office are held on Thursday at 5 p.m. for employees on shift work.

Party Night Set By Shift Combo

Many Y-12ers are laying plans now to attend the E, F, G, H, and J Shift family-style party Saturday, February 29. The fun-fest is scheduled for the Green Room of the Ridge Recreation Hall . . . with the first game going at 7:30 p.m.

There are such things for prizes as two electric blankets, a bridge set, luggage, ice cream freezers, electric fry pans, Corn-ingware sets, clock radios, golf balls, spinning reels, picnic tables, etc.

All Y-12ers and their families are welcomed at the Leap Year party, so make those plans now for Saturday week.

New SNAP Deep Sea Weather Station Placed

The first nuclear-powered deep-sea weather station recently began operations in the Gulf of Mexico. The 60-watt generator, designated as SNAP-7D, supplies energy to the unattended mechanism, roughly located in the center of the giant Gulf.

HOW NOW, BROWN COW

Cows observe a rigid social hierarchy.



Car pool members wanted from Burlington Section, Knoxville, to East Portal, straight day. J. C. Taylor, plant phone 7-8816, home phone Knoxville 524-2087.

Car pool members wanted from Cedar Springs area, Kingston Pike, to North Portal, straight day. C. Ward Bandy, plant phone 7939, home phone Knoxville 588-6933.

Ride wanted from Cedar Lane, Fountain City area, Knoxville, to North Portal, straight day. Christine Pope, plant phone 7212, home Phone 689-1309.

Ride wanted to work if Tennessee defeats Kentucky on February 29. Lucille Pruitt, extension 7785.